

FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

SOLE SOURCE CERTIFICATION

Requisition Number: 0000196468 Bid # \_\_\_\_\_

In accordance with authority granted under Florida A & M University Regulation 6.005(10) (b), the following documentation is submitted in support of a request to purchase the items(s) listed below that are only available from one vendor.

Vendor: PreSens (Precision Sensing)

Account Number: Cost \$ 13,901.50

Item(s): Multiple items (please see attached quote and Sole Supplier Statement)

Justification: (Describe efforts made, vendors contacted, prices quoted, specifications required, availability, compatibility, decision/reason for selection). See attached for justification.

The types of sensors made by PreSens are unique and practically custom made. To my knowledge in USA there are no vendors for this type of instrumentation. The reason for using this vendor is the precision of the micro-sensors they provide which are unique and necessary for my PhD student so she can acquire high resolution data for her experiments. Also, I saw this vendor at a conference in February 2019 and I had the opportunity to do some test runs.

I, the undersigned, certify the above to be true and correct to the best of my knowledge and belief.

MICHAEL MARTINEZ-COLON Assistant Professor 9/12/2019
Signature Title Date

I, the undersigned designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), (or a designee delegated the authority as described in, hereby concur { } do not concur { } with the above justification and recommend { } do not recommend { } the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are:

Matthew Hood 9/25/19
Director of Procurement Services Date

I, the undersigned designee, acting for and on behalf of the University President pursuant to the delegation authority approve { }, disapprove { } the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are:

Ral Shy 9/26/19
VP, Administrative and Financial Services Date

POSTED FROM 10/2/19 5pm TO 10/7/19 5pm
DATE TIME DATE TIME

FAILURE TO FILE A PROTEST WITHIN THE TIME PRESCRIBED IN REGULATION 6.005(9) (K), SHALL CONSTITUTE A WAIVER OF THE RIGHT TO PROCEEDINGS.



PreSens Precision Sensing GmbH - Am BloPark 11 - 93053 Regensburg  
 Florida A&M University  
 School of the Environment  
 FSH Science Research Center, RM306B  
 1515 South MLK Blvd  
 Tallahassee FL 32307  
 USA

## Quotation

Project No.  
 Document 2019-32600  
 Date 22.08.2019

Please state on any correspondence!

Contact	Order No.	Contact	Martin Gulbrod
Phone	Valid until 21.09.2019	Phone	+49 941 94272 177
Fax	Customer No. 16697	Email	martin.gulbrod@PreSens.de
Email	Your VAT-ID	Our ref	

Pos.	Art. No.	Description	Quantity	Unit	Price per unit	Total
1	300000054	*PROTOTYPE* OXY-1 ST trace Single Channel Fiber Optic Oxygen Transmitter consists of: - OXY-1 ST trace - USB mini cable - PreSens Measurement Studio 2  This is a custom-built prototype that is restricted in terms of warranty.	1	ea	3.072.73	3.072,73
2	200001486	TEP-L5-St62-OD5.4/3.3 (for Fibox 4, Microx 4) Pt100 Temperature Probe TEP: PT100 Temperature Probe L5: Cable length is 5 m St62: Length of steel tube is 62 mm OD5.5/3.3: Outer diameter of steel tube is reduced from 5.5 mm to 3.3 mm	1	ea	148.11	148.11
3	200001738	PM-PSI7-02-L2.5-TF-NB75/0.8-OIW Profiling Oxygen Microsensor PM: Profiling oxygen microsensor PSI7-02: oxygen sensitive coating 0-100% oxygen L2.5: length of optical fiber is 2.5 meter TF: flat broken glass fiber with a diameter of 230 µm NB75/0.8: mounted in a blunt stainless needle with 75 mm length and 0.8 mm outer diameter OIW: with a white optical isolation	2	ea	227.69	455.38

amount carried over 3.676,22

### PreSens Precision Sensing GmbH

Am BloPark 11  
 93053 Regensburg GERMANY  
 Phone: +49 941 942 72 100  
 Fax: +49 941 942 72 111  
 Internet: <http://www.PreSens.de>  
 EMail: [info@PreSens.de](mailto:info@PreSens.de)

Geschäftsführer / CEO:  
 Dipl.-Chem. Achim Stangelmayer  
 Trade Register Ingolstadt HRB 101505  
 VAT ID No.: DE 812 210 724  
 WEEE Reg.: DE 10886810

### Bank details

VR Bank Neuburg-Rain e.G.  
 Acct. No.: 60682  
 Bank Code: 721 697 56  
 SWIFT Code: GENO DE F1 ND2  
 IBAN: DE1172169756000060682

Quotation 2019-32600

Pcs.	Art. Nr.	Description	Quantity	Unit	Price per unit	Total
4	200001739	PM-PSi7-02-L2.5-TS-NB75/0.8-NOP Profiling Oxygen Microsensor  PM: Profiling oxygen microsensor PSi7-02: oxygen sensitive coating 0-100% oxygen L2.5: length of optical fiber is 2.5 meter TS: tapered glass fiber with a tip diameter < 50 µm NB75/0.8: mounted in a blunt stainless needle with 75 mm length and 0.8 mm outer diameter NOP: no optical isolation	2	ea	227,69	455,38
5	200000287	pH-1 micro Micro fiber optic pH transmitter  pH-1 micro consists of - single-channel micro fiber optic pH transmitter - PT1000 temperature probe, potentiometric - power adapter cord with US/EU compatible plug - serial data cable for communication to PC - USB cable for communication to PC - instruction manual - PC-software - box for single-channel transmitter	1	ea	7.427,62	7.427,62
6	200001737	PM-HP5-L2.5-NB75/0.5-OIW Profiling pH Microsensor  PM: Profiling pH microsensor HP5: pH sensitive coating pH 5-8 L2.5: length of optical fiber is 2.5 meter NB75/0.5: mounted in a blunt stainless needle with 75 mm length and 0.5 mm outer diameter OIW: with a white optical isolation	2	ea	112,74	225,48
7	200001724	Automated Micromanipulator (AM) For automated profiling applications  Automated Micromanipulator with tilting mechanism.  Motorized travel range x-axis: 75 mm Manual travel range x-axis: 37 mm, fine drive 10 mm, y-axis: 20 mm, z-axis: 25 mm  Includes: Manual micromanipulator, linear stage, mounting adapter (M6 screw, 13 mm length), USB interface cable, USB-hub, power adapter, power strip (EU), country adapters (UK, US, AU)	1	ea	3.535,85	3.535,85

amount carried over 15.320,55

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**PreSens Precision Sensing GmbH**

Am BioPark 11  
93053 Regensburg GERMANY  
Phone: +49 941 942 72 100  
Fax: +49 941 942 72 111  
Internet: <http://www.PreSens.de>  
EMail: [info@PreSens.de](mailto:info@PreSens.de)

Geschäftsführer / CEO:  
Dipl.-Chem. Achim Stangelmayer  
Trade Register Ingolstadt HRB 101505  
VAT ID No. DE 812 210 724  
WEEE Reg.: DE 10886810

**Bank details**

VR Bank Neuburg-Rain e.G.  
Acct. No.: 60682  
Bank Code: 721 687 56  
SWIFT Code: GENO DE F1 ND2  
IBAN: DE1172169756000060682

Quotation 2019-32600

Pos.	Art. Nr.	Description	Quantity	Unit	Price per unit	Total
8	200001723	Heavy Stand (HS) for micromanipulators For solid, vibration-free fixation Height 500 / 300 mm, M6 mounting  Includes 1x long post (500 mm), 1x small post (300 mm), 2x mounting rods (Ø 12mm), 3x adjustable feet (for levelling), 1x circular level	1	ea	441,01	441,01
9	200001727	Transport Case (TC) For transportation of the HS and AM  High-quality transport case with pull-out handle und robust wheels. Foam inlay for safe embedding of AM and HS parts. Outside dimensions: 620 x 520 x 275 mm	1	ea	441,01	441,01
10	200001728	PreSens Profiling Studio (PPS) PC Software For the Automated Micromanipulator (AM)  To be used with the Automated Micromanipulator (AM) and PreSens transmitters  PC Software on CD consists of. - PreSens Profiling Studio v1.1.0.33 - Instruction Manual - User Guide (compatible with Windows 7, 8, 10 at 32 or 64 bit)	1	ea	0,00	0,00

			Intermediate sum	US\$	16.202,57
	less academic discount	15,00 % of	16.202,57		-2.430,39
	plus Shipping US CH				129,32
	Intermediate sum				13.901,50
	plus VAT	3	0,00 % of	13.901,50	0,00
			<b>Total Value</b>	<b>US\$</b>	<b>13.901,50</b>

Taxfree exports to third countries are effected acc to §4 No 1 and § 6 UStG

**Terms of payment:**

Immediately upon receipt of invoice      due net      13.901,50 US\$

**PreSens Precision Sensing GmbH**

Am BioPark 11  
93053 Regensburg GERMANY  
Phone: +49 941 942 72 100  
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Internet: <http://www.PreSens.de>  
EMail: [info@PreSens.de](mailto:info@PreSens.de)

Geschäftsführer / CEO:  
Dipl.-Chem. Achim Stangelmayer  
Trade Register Ingolstadt HRB 101505  
VAT ID No.: DE 812 210 724  
WEEE Reg.: DE 1088810

**Bank details**

VR Bank Neuburg-Rain e.G.  
Acct. No.: 80882  
Bank Code: 721 697 56  
SWIFT Code: GENO DE F1 ND2  
IBAN: DE1172169756000080682

PreSens Precision Sensing GmbH - Am BioPark 11 - 93053 Regensburg

**Florida A&M University**  
**Dr. Michael Martínez-Colón**  
**FSH Science Research Center, RM306B**  
**1515 South MLK Blvd**  
**Tallahassee FL 32307**  
**USA**

11.09.2019

## Sole Supplier Statement

The ISO 9001:2015 and EN ISO 13485:2016 certified company **PreSens Precision Sensing GmbH** is presently the only commercial producer of a micro-invasive fluorescence optical O<sub>2</sub> and pH microprofiling setup (product name for 1 channel meter: **OXY-1 ST** and **pH-1 micro**).

The **OXY-1 ST** and **pH-1 micro** consist each of a 1 channel detector unit, fibre optical light guides, as well as a respective software for control and evaluation. The system works with micro-invasive O<sub>2</sub> and pH micro-sensors with a dynamic measurement range from pH 5.5 – 8.5. The microsensors contain fluorophores which change their fluorescent properties upon changes in O<sub>2</sub> or pH. The detection unit is equipped with filters and LEDs for fluorescence excitation. Filters and light sources are optimized for the respective analytes and sensor materials. The fluorescence response of the microsensors is captured with the detection unit. The software allows recording, displaying and exporting the data.

The microsensors can be mounted to a precision **Automated Micromanipulator**. The **Automated Micromanipulator** is specifically designed for the handling of PreSens built **Profiling** or **Needle Type Housed Microsensors** and allows their safe handling via a 'Safe-Insert' function. PreSens is the sole supplier of this function for PreSens own design NTH microsensors. The micromanipulator has 3 axes and allows moving the microsensor manually in the X-, Y- and Z-direction. Automated movements are possible in the Z-direction. It has an additional fine drive with 10 µm reading accuracy.

Sincerely yours

  
PreSens  
Precision Sensing GmbH  
Am BioPark 11  
93053 Regensburg  
Germany

Achim Stangelmayer